



## 2011-2012 ALASKA CONSTRUCTION ACADEMIES

### PROJECT PLAN INSTRUCTIONS

#### COVER PAGE

(Please complete a separate cover page for each organization requesting CA funds.)

**Organization:** Northwestern Alaska Career and Technical Center

**Mailing Address:** Nome/Beltz Campus, Box 131-NACTEC  
Nome, AK 99762

**Contact Person:** Doug Walrath, Director

**Telephone/Fax:** 443-3507 (Work)  
434-1022 (Cell)  
443-7076 (Fax)

**E-mail Address:** dwalrath@bssd.org

**Business License and IRS I.D. #:** EIN: 920058118

#### Certification

I certify that all information contained in this application and any attachments is true and accurate, and I understand that falsification of information may be cause for CA fund evocation.

I further certify that CA funds received pursuant to this request will be used only for training and support services for CA participants and that the funds will not supplant or displace other existing public or private funds allocated to related training programs.

Authorized Signature

6/15/11

Date

Douglas J. Walrath  
Printed Name and Official Title



2011-2012

## ALASKA CONSTRUCTION ACADEMIES



### PROJECT PLAN INSTRUCTIONS

#### **Section I: 2008-2009 & 2009-2010 & 2010-2011 Program Milestones**

- 1. In order to give us information about your CA course completers who have moved into employment, the military, and/or apprenticeships, please complete the table below.**

	2008-2009	2009-2010	2010-2011
# TRAINED high school students in construction trade classes.	N/A	44	43
# TRAINED adults in construction trade classes.	N/A	15	0
# CONNECTED high school students with employment in construction trades related jobs or an apprenticeship program or vocational training program or college	N/A	2	TBD
# Adults employed	N/A	6	N/A
# Adults entered military	N/A	0	N/A
# Adults entered apprenticeships	N/A	0	N/A

- 2. Please let us know what your CA has done to assist course participants with finding work in construction related jobs in and out of your community/region.**

This year we started our own version of the CCC, modeled after the Civilian Conservation Corps of the 1930's. Our Career Counseling Corps (CCC) met with students for eight hours over a two-week career intensive to provide individual and small group counseling/support to better prepare students for work and training opportunities. Students used electronic resources such as the Alaska Career Information System that assisted students in finding jobs that aligned with their personal interests, strengths, and aptitudes. All students visited the Nome One Stop Job Center, worked with DOL personnel to find jobs in their home villages (or within the region), and registered in the Alaska Labor Exchange System (ALEXsys). Each student also met with a counselor to begin developing a

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Personal Learning and Career Plan as identified in the new state of Alaska CTE plan. Students from villages with pending construction projects were recruited to put in place trained workers, e.g., Little Diomedé school remodel.

## **Section II: Project Description**

Current labor market data shows that between 1,500 and 1,700 construction workers are needed in Alaska each year to replace retiring and out-of-state workers. Please address the following areas to describe your CA's 2011-2012 project plan.

1. **Identify your community/region.** The Nome Construction Academy encompasses an 80,000 square mile region, based out of Nome, and covering the fifteen villages of the Bering Strait School District in addition to Nome Public Schools.
2. **Identify the priority jobs/skills that your project will address and the occupations for which participants will receive training.** In addition to jobs related to carpentry and welding training programs we have added two new training programs in the coming year, i.e., Renewable Energy and Heavy Equipment to address needs identified by various regional entities.
3. **Explain how your partners assessed your communities'/regions' needs to determine the priority jobs/skills listed in #2 above.** Input from partners are assessed and determined from local Advisory Board meetings, needs by Norton Sound Economic Development Corporation, pending construction projects for Bering Strait School District and Bering Straits Regional Housing Authority, and by needs analysis from Department of Labor, i.e., job needs analysis.
4. **List the classes you plan to offer.** Welding, NCCER Core and Carpentry I, Renewable Energy, and Heavy Equipment.
5. **Include a draft calendar with start and end dates for classes.**
  - a. Renewable Energy: September 6<sup>th</sup>-16<sup>th</sup>
  - b. Oxyfuel Welding: November 7<sup>th</sup>-18<sup>th</sup>
  - c. Shielded Metal Arc Welding: January 16<sup>th</sup>-27<sup>th</sup>
  - d. Heavy Equipment Training: February 27<sup>th</sup> – March 9<sup>th</sup>
  - e. Gas Metal Arc Welding: April 23<sup>rd</sup> – May 4<sup>th</sup>
  - f. NCCER Core & Carpentry I: May 21<sup>st</sup> – June 15<sup>th</sup>
6. **Describe how your CA will reach/recruit student and adult participants.** NACTEC instructors will travel to sites during Kawerak, Inc., sponsored career fairs and at other opportune times of the year, prior to construction trainings. Recruitment fliers will be developed for each training, sent to site principals to post in each village, and will also be posted to NACTEC's website.
7. **Describe how your CA will assist course completers in finding employment.** The partners within our construction academy all have knowledge of pending work based on their training and/or work schedules, and their expanded networks. This information is share with candidates in training, as well as a list of trained construction workers will assist in finding employment. We are also working on a *Success Series Posters* to market individual students that will be posted in the new Nome hospital, local airline terminals and at schools at each of the sites in the

region and with each of the Nome CA partners. This will serve to reach a larger audience.

8. ***Explain what you are proposing to do differently this year based on past lessons learned.*** This past year we piloted a Career Counseling Corps with the intent of empowering all students to search for jobs from their home villages. We made great strides during this first attempt. In the coming year we're looking to establish a key contact at each site in the region (16 in total) that can work with students upon their return to school to connect with opportunities in each village that we would otherwise be unaware of on our end. This past year we also pilot tested a Caterpillar Heavy Equipment Simulator Center to begin developing digital portfolios on each trainee. In the coming year we'll be offering our first two-week Heavy Equipment training session with the intent of certification and/or dual credit outcomes. We will also be offering a Renewable Energy course for the first time based on the rising costs of utilities in the region and the demand for alternative energy sources.

### **SECTION III: Partners and Partner Roles**

The single most important aspect of the AkCA model is the partnership between secondary education, adult training providers, Native corporations, housing authorities, employers, and the state employment agency. The AkCA Executive Director or the AkCA Program Assistant represents CEF on each local CA Advisory Board. Please address the following areas to describe your local CA's partnership.

1. Describe each of the partners in your Project Plan and provide a brief explanation of how they participated in the design of your Project Plan. If partners plan to leverage funds and in-kind contributions please list those contributions here. In a statement or two explain the unique role each partner plays in the success of your CA. Partners may include, but are not limited to, the following organizations:
  - **Construction Contractors:** Bering Straits Regional Housing Authority (BSRHA) builds housing in villages throughout the region. Bering Strait School District has teacher housing and new school construction in fifteen villages in the region. Where possible, coordination with those entities results in marketing/recruitment of construction students from those villages to prepare for construction jobs that will be coming with new projects. On the horizon there is a \$16M school remodel scheduled for Little Diomed in the coming year. This past year we coordinated with the principal to get several students construction training so that they can secure employment with the remodel starts.
  - **Alaska Department of Labor and Workforce Development Job Service Center:** All students visit the Nome DOL Job Service Center, get enrolled in the Alaska Labor Exchange System (ALEXsys), and learn how to use electronic resources, and work with DOL personnel to find jobs in the region.
  - **Career Guides:** Collaboration from personnel with Kawerak, Inc, the Nome One Stop Job Center and NACTEC work together in our Career

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Counseling Corps to provide eight hours of career counseling during a two-week construction intensive.

- **Local School District(s):** Bering Strait School District and Nome Public Schools provide majority of students for courses, although students from Chugach, Kuspuk, and Lake & Peninsula School Districts send students as well.
- **Local/Regional Native Organization(s):** Kawerak, Inc., and Nome Eskimo Community represent needs of Native populations served throughout the Seward Peninsula region.
- **Adult Training Provider.** Nome Eskimo Community has taken the lead on coordinating for placement of regional residents on the new Nome hospital project. Kawerak, Inc., provides training for adult populations from most of the villages in Seward Peninsula region.
- **Regional Training Center/University Campus:** NACTEC coordinates construction training(s) of two- and four-week lengths over the school year. Courses are aligned, where possible, for dual credit through the Northwest Campus of University of Alaska-Fairbanks.

2. It is expected that the list of partners in # 1 above are members of your Local Advisory Board. So that CEF can contact all your Advisory Board members, include the following information for each representative:

<b>Company:</b> NACTEC	<b>Name:</b> Douglas J. Walrath
<b>Address:</b> P.O. Box 131 Nome, AK 99762	<b>Title:</b> Director
<b>Phone:</b> 443-3507	<b>Email:</b> <a href="mailto:dwalrath@bssd.org">dwalrath@bssd.org</a>
<b>Fax:</b> 443-7076	<b>Website:</b> <a href="http://www.nacteconline.org">www.nacteconline.org</a>
<b>Company:</b> Nome Job Center	<b>Name:</b> Vicki Erickson
<b>Address:</b> P.O. Box 161 Nome, AK 99762	<b>Title:</b> Employment Security Specialist
<b>Phone:</b> 443-9350	<b>Email:</b> <a href="mailto:victoria.erickson@alaska.gov">victoria.erickson@alaska.gov</a>
<b>Fax:</b> 443-2810	<b>Website:</b> <a href="http://www.jobs.state.ak.us">www.jobs.state.ak.us</a>
<b>Company:</b> Kawerak, Inc	<b>Name:</b> Dawn Salesky
<b>Address:</b> P.O. Box 948 Nome, AK 99762	<b>Title:</b> Division Vice-President
<b>Phone:</b> 443-4354	<b>Email:</b> <a href="mailto:dsalesky@kawerak.org">dsalesky@kawerak.org</a>
<b>Fax:</b> 443-4481	<b>Website:</b> <a href="http://www.kawerak.org">www.kawerak.org</a>
<b>Company:</b> Nome Eskimo Community	<b>Name:</b> Marsha Sloan
<b>Address:</b> P.O. Box 1090 Nome, 99762	<b>Title:</b> Deputy Director
<b>Phone:</b> 443-9121	<b>Email:</b> <a href="mailto:marshasloan@gci.net">marshasloan@gci.net</a>
<b>Fax:</b> 443-9144	<b>Website:</b> <a href="http://www.necalaska.org/">http://www.necalaska.org/</a>
<b>Company:</b> Bering Strait Regional	<b>Name:</b> Bob Mocan

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<b>Housing Authority</b>	
<b>Address: P.O. Box 995 Nome 99762</b>	<b>Title: President/CEO</b>
<b>Phone: 443-5256</b>	<b>Email: bmocan@bsrha.org</b>
<b>Fax: 443-8652</b>	<b>Website: www.bsrha.org</b>
<b>Company: Alaska Works Partnership</b>	<b>Name: Mike Andrews</b>
<b>Address: 1413 Hyder St. Anchorage, AK</b>	<b>Title: Director</b>
<b>Phone: 569-4711</b>	<b>Email: mike.andrews@alaskaworks.org</b>
<b>Fax: 569-4716</b>	<b>Website: www.alaskaworks.org</b>

#### **Section IV: Performance Measures:**

### ***2011-2012 Projected Performance Measures*** ***Construction Academy Name: Nome Construction Academy***

<b>Goal:</b>	<b>Performance Measure:</b>
<b>1. Train # high school students in construction trades classes.</b>	
Train 50 high school students in construction intensive courses. Provide an additional 125 high school students with construction career exploration with usage of tools such as welding simulators and heavy equipment simulators.	
<b>2. Train # adults in construction trades classes.</b>	
N/A.	
<b>3. Survey # high school seniors in second semester construction related classes will take the Life Track survey before graduation.</b>	
A copy of this survey is needed prior August, 2011 to get approval of local school district's school boards prior to administering.	
<b>4. Connect # graduating high school students with employment in construction trades related jobs or an apprenticeship program or vocational training program or college.</b>	
10-15	
<b>5. Place # adults into employment in construction trades related jobs, accepted into construction trades related apprenticeship programs, the military or other postsecondary training.</b>	
N/A.	

#### **School District Class Credit and Certificates:**

List of construction trades courses in school district:

Name: NCCER Core	Hours: 75-90	Credit: Dual
Name: NCCER Carpentry I	Hours: 125	Credit: Dual
Name: Welding (Oxyfuel)	Hours: 32-36	Credit: Dual
Name: Welding (SMAW)	Hours: 32-36	Credit: Dual

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Name: Welding (GMAW)  
Name: Renewable Energy  
Name: Heavy Equipment

Hours: 32-36  
Hours: 32-36  
Hours: 32-36

Credit: Dual  
Credit: Elective  
Credit: Elective

List construction industry certifications in core courses (i.e. NCCER, industry certificates, etc.): NCCER Core/Carpentry I

**Section V: Budget Narrative & Budget**

See Attached

# **Rural Construction Academy Project Budget FY12**

Category	Amount			Total Amount
<b>Personal Services</b>				
Teacher Salary	\$36,000			
Teacher Fringe	\$10,800			
<b>Total Personal Services</b>	<b>\$46,800</b>			<b>\$46,800</b>
<b>Travel</b>				
Airfare	\$15,000			
Local Transportation	\$2,200			
Lodging/Meals	\$8,000			
CA Partner Travel	\$5,000			
<b>Total Travel</b>	<b>\$30,200</b>			<b>\$30,200</b>
<b>Contractual</b>				
Dual Credit/Certification	\$2,550			
Part Time Instructor	\$5,900			
<b>Total Contractual</b>	<b>\$8,450</b>			<b>\$8,450</b>
<b>Supplies</b>				
Teaching Supplies	\$7,800			
<b>Total Supplies</b>	<b>\$7,800</b>			<b>\$7,800</b>
<b>Equipment</b>	<b>3,000</b>			<b>3,000</b>
	#REF!			
<b>Administration</b>				
Indirect 3.75%	\$3,750			
<b>Total Administration</b>	<b>\$3,750</b>			<b>\$3,750</b>
<b>Total</b>				<b>\$100,000</b>



## Rural Construction Academy Project Budget Narrative

### **Personal Services**

Salary includes regular wages and fringe benefits (.5) for one vocational teacher to teach six construction courses and for salary/fringe (.25) for career counselor services.

### **Travel**

Travel includes airfare, van/mini bus transportation, lodging and food expenses for 50 students to attend one of six NACTEC sessions. Additionally travel will support up to five CA partners from the Nome region to attend an end of year meeting.

### **Contractual**

Contractual services for one Bering Strait School District NCCER Carpentry instructor to travel to Nome and instruct end of year, month-long residential carpentry course.

### **Supplies**

Books and educational tools to include class textbooks, videos, power tools, building material for construction course and welding consumables.

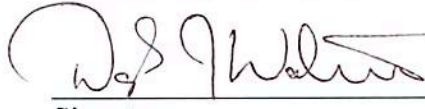
### **Equipment**

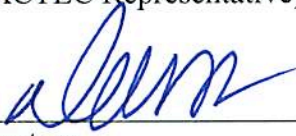
Equipment needed for start-up Renewable Energy course.

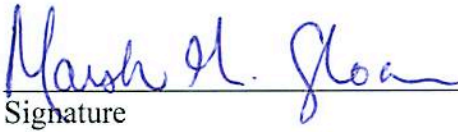
### **Administration**

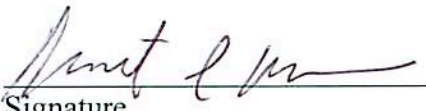
A Federal Indirect Cost Rate Agreement of 3.75% has been approved by Alaska Department of Education and Early Development under Dept of Education authority.

We, the undersigned, are duly authorized representatives and signatories of our organization; hereby assure the Alaska Construction Academies Advisory Board members, that should my organization receive funding for a Construction Academy, it will comply with the assurances listed on page 9. *My signature is confirmation that I've read and approve of my communities CA plan.*

 6/13/11 Director NACTEC  
Signature Date Title  
(NACTEC Representative)

 6/16/11 V.P. EET DIVISION  
Signature Date Title  
(Kaverak, Inc., Representative)

 6/16/11 Deputy Director  
Signature Date Title  
(Nome Eskimo Community Representative)

 6-28-2011 PRESIDENT/CEO  
Signature Date Title  
(Bering Straits Regional Housing Authority Representative)

 6/16/11 Employment Security Specialist  
Signature Date Title  
(Local Department of Labor and Workforce Development Job Center Representative)

\_\_\_\_\_  
Signature Date Title

\_\_\_\_\_  
Other: (Specify Affiliation)

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